



Advanced Capability for Understanding & Managing Effects Networks (ACUMEN)

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ACUMEN provides the capability to conduct near real-time effects-based plan status monitoring, plan forecasting and impact analysis, plan improvement recommendations, and plan re-apportionment. It portrays assessment threshold, trend, and predictive data in an intuitive graphic display. This is important to get to the “so what” of the assessment picture and what actions to take from that point forward. ACUMEN provides a structured effects-based assessment framework for effects data analysis, correlation and aggregation. This research allows users, regardless of location, to provide evidence about the execution of both their own portions of a plan as well as the plan overall.

Features:

- Up-to-date awareness on plan execution, results/effects assessment, and generation of improvement recommendations
- Automated methods to assess effects based on indicator-evidence relationships
- More informed decision making and continuous assessment
- Assess status, detects problem areas, and develop recommendations at all levels within the effects-based plan, from objectives to mission execution for both traditional and cyber domains

Capabilities provide substantial automation of key assessment workflows:

- Develops and manages measures and indicators
- Monitors plan execution status near-real time
- Uses inferential reasoning to correlate observable data with the plan
- Analyzes action-effects causal linkages
- Identifies mission execution problems relative to plan objectives
- Predicts achievement of plan elements
- Recommends re-apportionment, as necessary
- Manages evidence for forensic-level analysis
- Generates user reports and PowerPoint briefings

